

582.6099	Tartaric acid.
582.6185	Calcium acetate.
582.6193	Calcium chloride.
582.6195	Calcium citrate.
582.6197	Calcium diacetate.
582.6199	Calcium gluconate.
582.6203	Calcium hexametaphosphate.
582.6215	Monobasic calcium phosphate.
582.6219	Calcium phytate.
582.6285	Dipotassium phosphate.
582.6290	Disodium phosphate.
582.6386	Isopropyl citrate.
582.6511	Monoisopropyl citrate.
582.6625	Potassium citrate.
582.6751	Sodium citrate.
582.6754	Sodium diacetate.
582.6757	Sodium gluconate.
582.6760	Sodium hexametaphosphate.
582.6769	Sodium metaphosphate.
582.6778	Sodium phosphate.
582.6787	Sodium pyrophosphate.
582.6789	Tetra sodium pyrophosphate.
582.6801	Sodium tartrate.
582.6804	Sodium potassium tartrate.
582.6807	Sodium thiosulfate.
582.6810	Sodium tripolyphosphate.
582.6851	Stearyl citrate.

#### Subpart H—Stabilizers

582.7115	Agar-agar.
582.7133	Ammonium alginate.
582.7187	Calcium alginate.
582.7255	Chondrus extract.
582.7330	Gum arabic.
582.7333	Gum ghatti.
582.7339	Guar gum.
582.7343	Locust bean gum.
582.7349	Sterculia gum.
582.7351	Gum tragacanth.
582.7610	Potassium alginate.
582.7724	Sodium alginate.

AUTHORITY: Secs. 201, 402, 409, 701 of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 321, 342, 348, 371).

SOURCE: 41 FR 38657, Sept. 10, 1976, unless otherwise noted.

#### Subpart A—General Provisions

##### § 582.1 Substances that are generally recognized as safe.

(a) It is impracticable to list all substances that are generally recognized as safe for their intended use. However, by way of illustration, the Commissioner regards such common food ingredients as salt, pepper, sugar, vinegar, baking powder, and monosodium glutamate as safe for their intended use. The lists in subparts B through H of this part include additional substances that, when used for the purposes indicated, in accordance with

good manufacturing or feeding practice, are regarded by the Commissioner as generally recognized as safe for such uses.

(b) For the purposes of this section, good manufacturing or feeding practice shall be defined to include the following restrictions:

(1) The quantity of a substance added to animal food does not exceed the amount reasonably required to accomplish its intended physical, nutritional, or other technical effect in food; and

(2) The quantity of a substance that becomes a component of animal food as a result of its use in the manufacturing, processing, or packaging of food, and which is not intended to accomplish any physical or other technical effect in the food itself, shall be reduced to the extent reasonably possible.

(3) The substance is of appropriate grade and is prepared and handled as a food ingredient. Upon request the Commissioner will offer an opinion, based on specifications and intended use, as to whether or not a particular grade or lot of the substance is of suitable purity for use in food and would generally be regarded as safe for the purpose intended, by experts qualified to evaluate its safety.

(c) The inclusion of substances in the list of nutrients does not constitute a finding on the part of the Department that the substance is useful as a supplement to the diet for animals.

(d) Substances that are generally recognized as safe for their intended use within the meaning of section 409 of the Act are listed in subparts B through H of this part. When the status of a substance has been reevaluated and affirmed as GRAS or deleted from subparts B through H of this part, an appropriate explanation will be noted, e.g., "affirmed as GRAS," "food additive regulation," "interim food additive regulation," or "prohibited from use in food," with a reference to the appropriate new regulation. Such notation will apply only to the specific use covered by the review, e.g., direct animal food use and/or indirect animal food use and/or animal feed use and will not affect its status for other uses

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not specified in the referenced regulation, pending a specific review of such other uses.

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**§ 582.10 Spices and other natural seasonings and flavorings.**

Spices and other natural seasonings and flavorings that are generally recognized as safe for their intended use, within the meaning of section 409 of the act, are as follows:

Common name	Botanical name of plant source
Alfalfa herb and seed .....	<i>Medicago sativa</i> L.
Allspice .....	<i>Pimenta officinalis</i> Lindl.
Ambrette seed .....	<i>Hibiscus abelmoschus</i> L.
Angelica .....	<i>Angelica archangelica</i> L. or other spp. of <i>Angelica</i> .
Angelica root .....	Do.
Angelica seed .....	Do.
Angostura (cusparia bark) .....	<i>Galipea officinalis</i> Hancock.
Anise .....	<i>Pimpinella anisum</i> L.
Anise, star .....	<i>Illicium verum</i> Hook. f.
Balm (lemon balm) .....	<i>Melissa officinalis</i> L.
Basil, bush .....	<i>Ocimum minimum</i> L.
Basil, sweet .....	<i>Ocimum basilicum</i> L.
Bay .....	<i>Laurus nobilis</i> L.
Calendula .....	<i>Calendula officinalis</i> L.
Camomile (chamomile), English or Roman .....	<i>Anthemis nobilis</i> L.
Camomile (chamomile), German or Hungarian .....	<i>Matricaria chamomilla</i> L.
Capers .....	<i>Capparis spinosa</i> L.
Capsicum .....	<i>Capsicum frutescens</i> L. or <i>Capsicum annuum</i> L.
Caraway .....	<i>Carum carvi</i> L.
Caraway, black (black cumin) .....	<i>Nigella sativa</i> L.
Cardamom (cardamon) .....	<i>Elettaria cardamomum</i> Maton.
Cassia, Chinese .....	<i>Cinnamomum cassia</i> Blume.
Cassia, Padang or Batavia .....	<i>Cinnamomum burmanni</i> Blume.
Cassia, Saigon .....	<i>Cinnamomum loureirii</i> Nees.
Cayenne pepper .....	<i>Capsicum frutescens</i> L. or <i>Capsicum annuum</i> L.
Celery seed .....	<i>Apium graveolens</i> L.
Chervil .....	<i>Anthriscus cerefolium</i> (L.) Hoffm.
Chives .....	<i>Allium schoenoprasum</i> L.
Cinnamon, Ceylon .....	<i>Cinnamomum zeylanicum</i> Nees.
Cinnamon, Chinese .....	<i>Cinnamomum cassia</i> Blume.
Cinnamon, Saigon .....	<i>Cinnamomum loureirii</i> Nees.
Clary (clary sage) .....	<i>Salvia sclarea</i> L.
Clover .....	<i>Trifolium</i> spp.
Cloves .....	<i>Eugenia caryophyllata</i> Thunb.
Coriander .....	<i>Coriandrum sativum</i> L.
Cumin (cummin) .....	<i>Cuminum cyminum</i> L.
Cumin, black (black caraway) .....	<i>Nigella sativa</i> L.
Dill .....	<i>Anethum graveolens</i> L.
Elder flowers .....	<i>Sambucus canadensis</i> L.
Fennel, common .....	<i>Foeniculum vulgare</i> Mill.
Fennel, sweet (finocchio, Florence fennel) .....	<i>Foeniculum vulgare</i> Mill. var. <i>duice</i> (DC.) Alex.
Fenugreek .....	<i>Trigonella foenum-graecum</i> L.
Galanga (galangal) .....	<i>Alpinia officinarum</i> Hance.
Garlic .....	<i>Allium sativum</i> L.
Geranium .....	<i>Pelargonium</i> spp.
Ginger .....	<i>Zingiber officinale</i> Rosc.
Glycyrrhiza .....	<i>Glycyrrhiza glabra</i> L. and other spp. of <i>Glycyrrhiza</i> .
Grains of paradise .....	<i>Amomum melegueta</i> Rosc.
Horehound (hoarhound) .....	<i>Marrubium vulgare</i> L.
Horseradish .....	<i>Armoracia lapathifolia</i> Gilib.
Hyssop .....	<i>Hyssopus officinalis</i> L.
Lavender .....	<i>Lavandula officinalis</i> Chaix.
Licorice .....	<i>Glycyrrhiza glabra</i> L. and other spp. of <i>Glycyrrhiza</i> .
Linden flowers .....	<i>Tilia</i> spp.
Mace .....	<i>Myristica fragrans</i> Houtt.
Marigold, pot .....	<i>Calendula officinalis</i> L.
Marjoram, pot .....	<i>Majorana onites</i> (L.) Benth.
Marjoram, sweet .....	<i>Majorana hortensis</i> Moench.
Mustard, black or brown .....	<i>Brassica nigra</i> (L.) Koch.
Mustard, brown .....	<i>Brassica juncea</i> (L.) Coss.
Mustard, white or yellow .....	<i>Brassica hirta</i> Moench.
Nutmeg .....	<i>Myristica fragrans</i> Houtt.
Oregano (oreganum, Mexican oregano, Mexican sage, origan) .....	<i>Lippia</i> spp.
Paprika .....	<i>Capsicum annuum</i> L.